

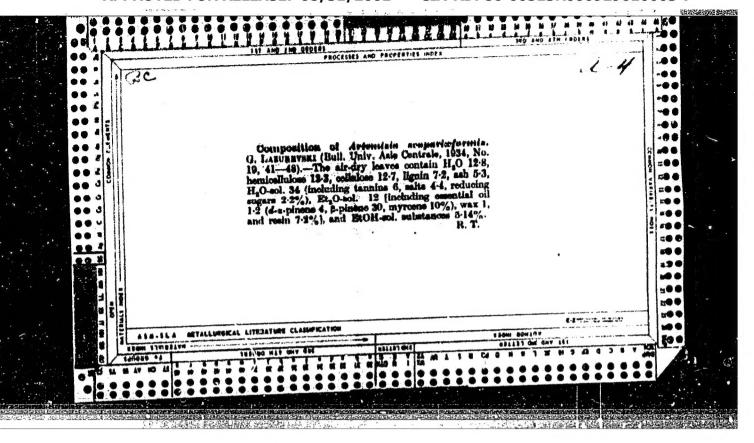
DARUGA, V. K.; LAZUTKIN, I. I.; NIKOLAYEV, A. N.; PINKHASIK, D. M.;
SAKHAROV, V. K.; SINITSYN, B. I.; TSYPIN, S. G.

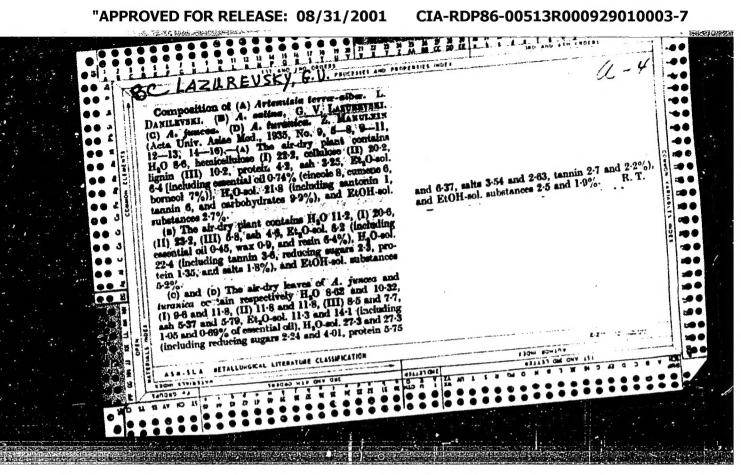
Space-energy distribution of neutrons from a BR-5 reactor in an iron-ore medium. Atom. energ. 17 no.1:63-65 Jl '64. (MIRA L7:7)

CHEPURNOV, V.S.; BURNASHEV, M.S.; DMITRIYEV, Ya.I.; LAZUR'YEVSKAYA, T.G.

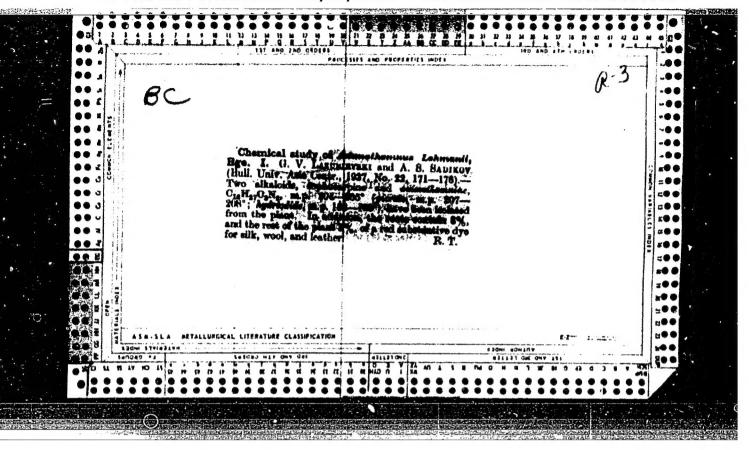
One day's ration and feeding rhythm of young Black Sea flounder
(Pleuronectes flesus luscus Pall.) in the Shabolat Liman. Uch.
sap. Kish. un. 62 no.1:73-80 '62. (MIRA 16:7)

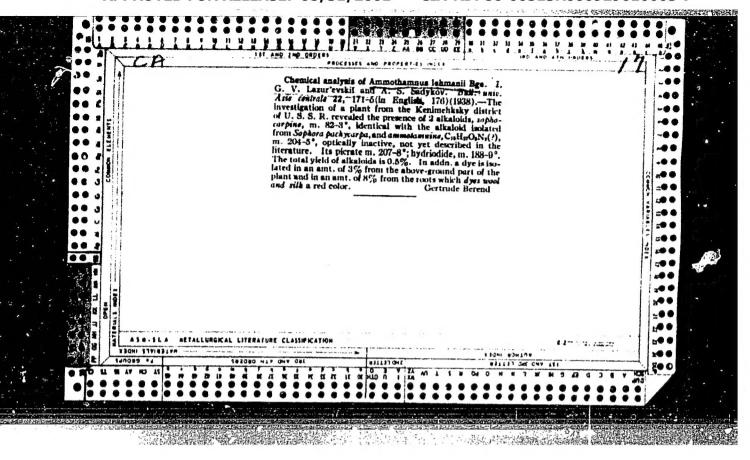
1. Kafedra zoologii pozvonochnykh zhivotnykh Kishinevskogo
gosudarstvennogo universiteta.
(Shabolat Liman—Flounders)
(Shabolat Liman—Frishes—Food)

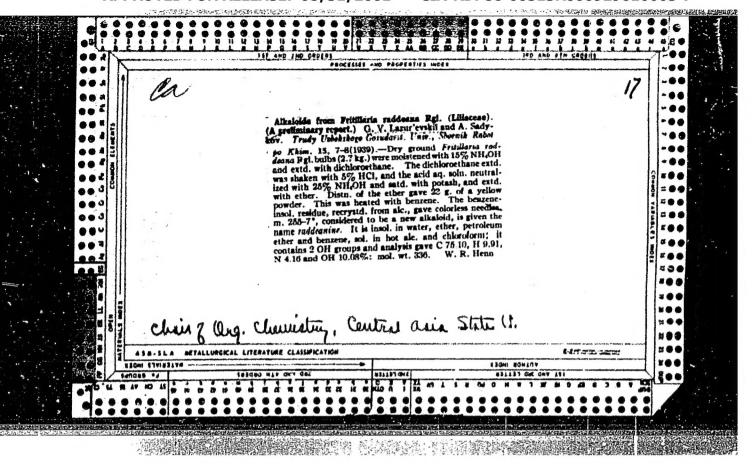


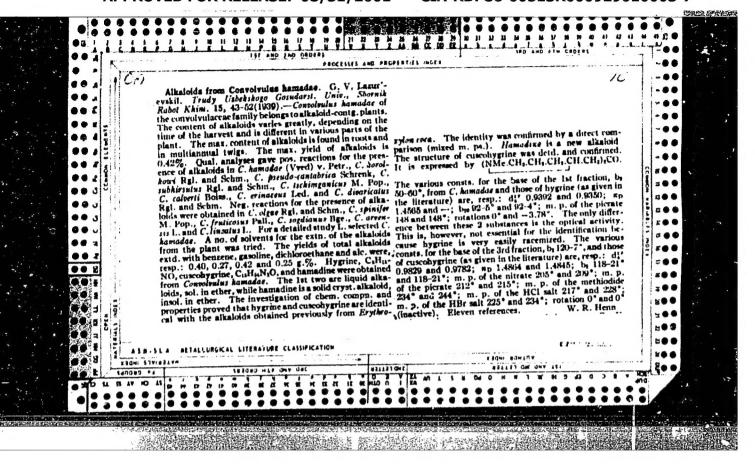


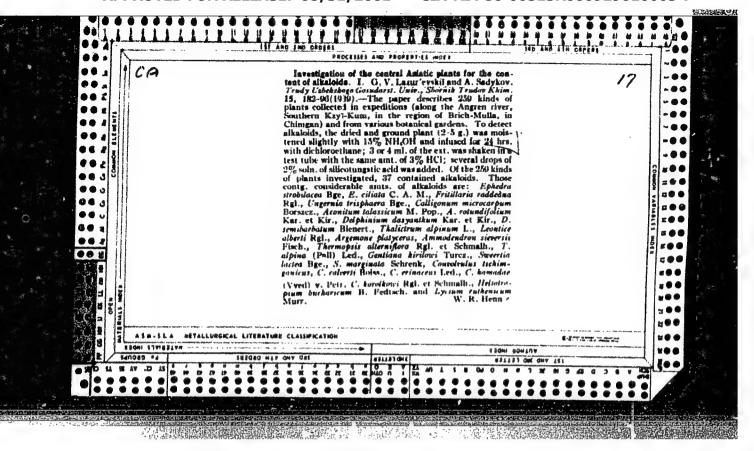
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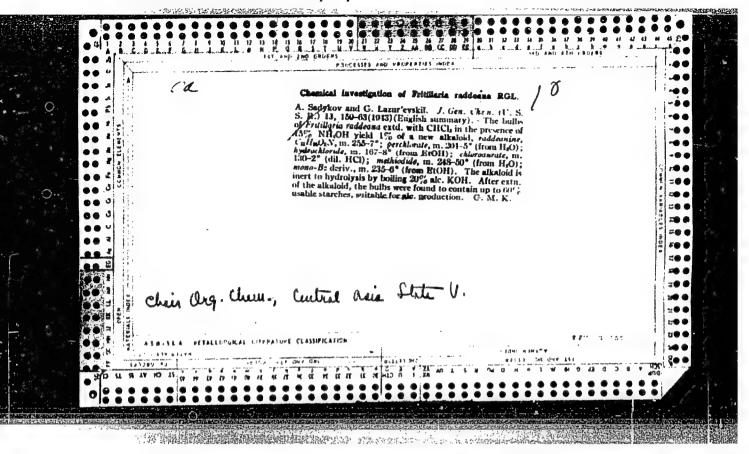


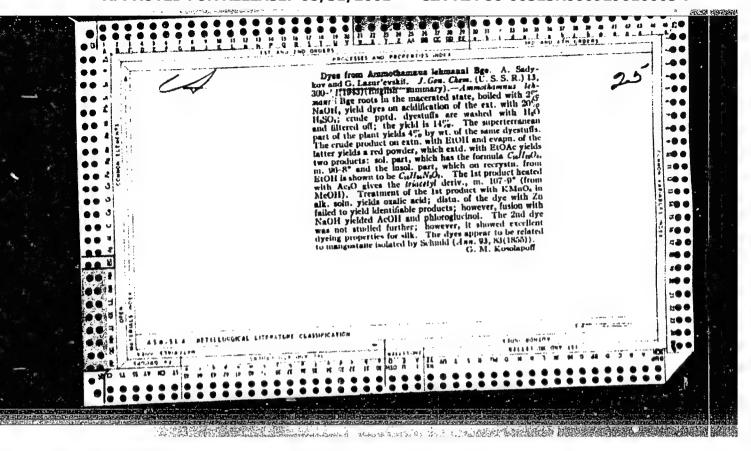


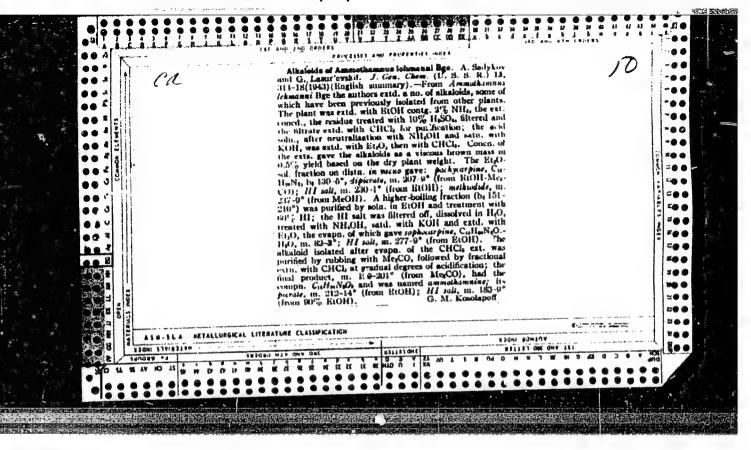


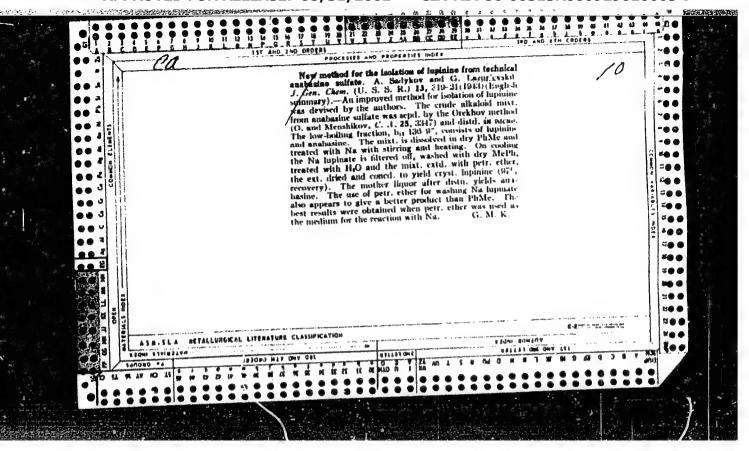








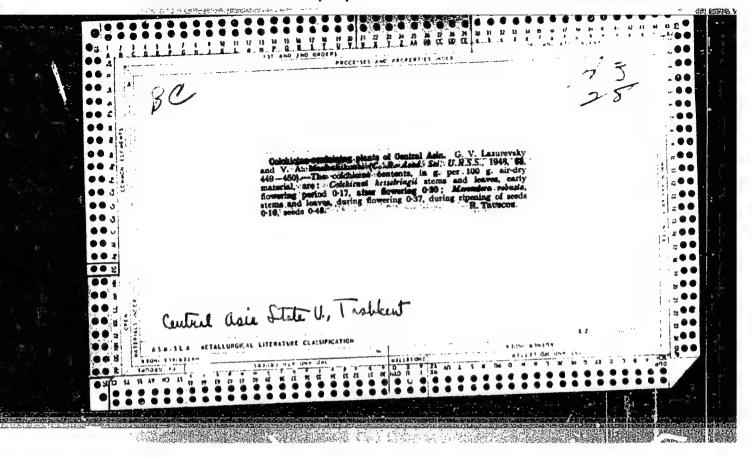




LAZUR'YEVSKIY, G.B.

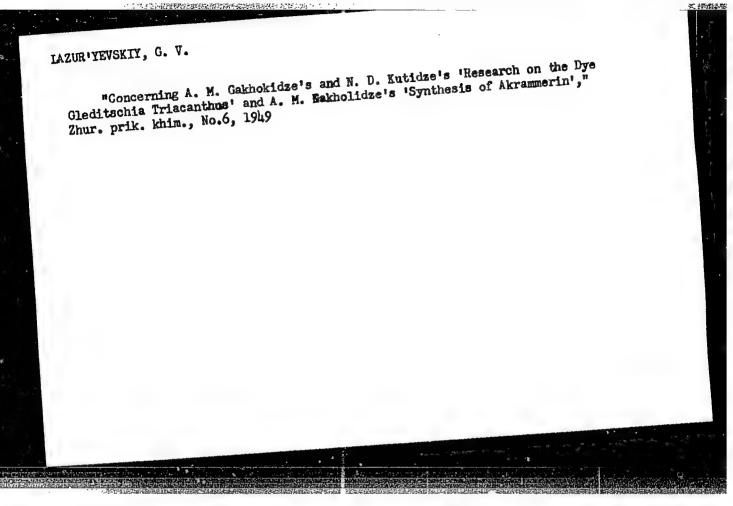
Lazur'yevskiy, G.B. "Chemical research on the coloration of some plants of the legime family," (reference), Soobshch. o nauch. tabotakh chlenov Vsesoyuz. khim. o-va im. Mendeleyeva, 1948, No. 2, p. 16-17

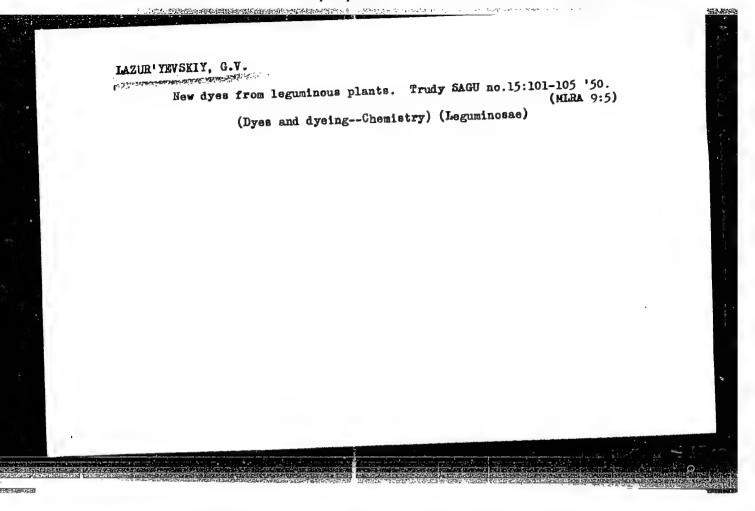
SO: U-2888, Letopis Zhurnal'nykh Statey, No. 1, 1949

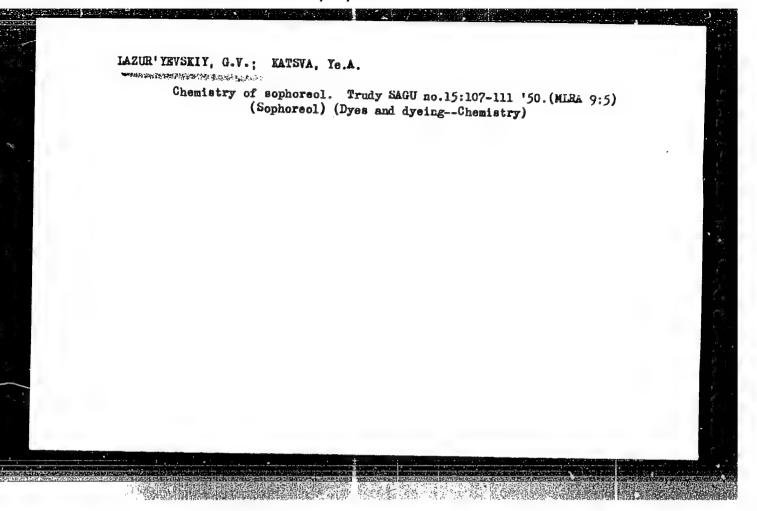


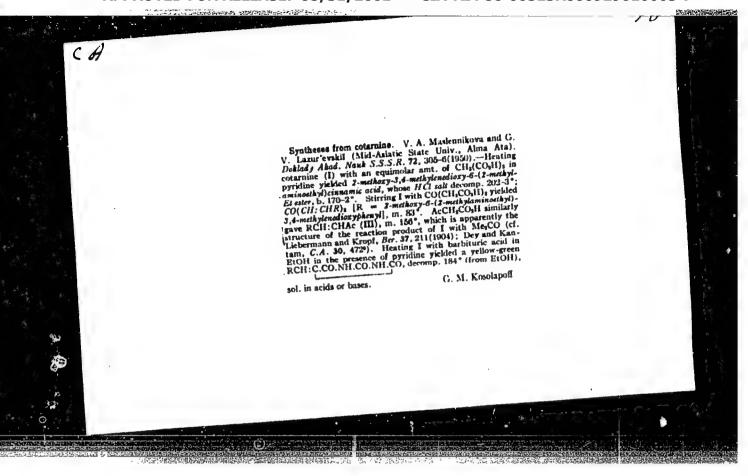
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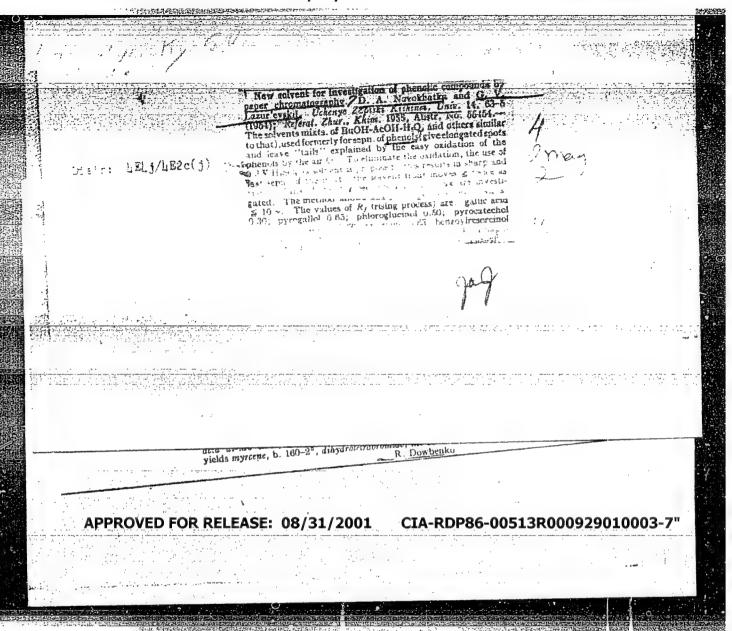
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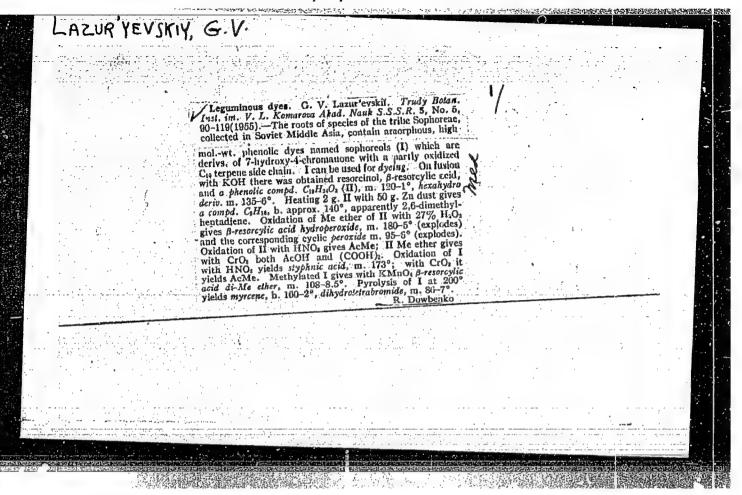


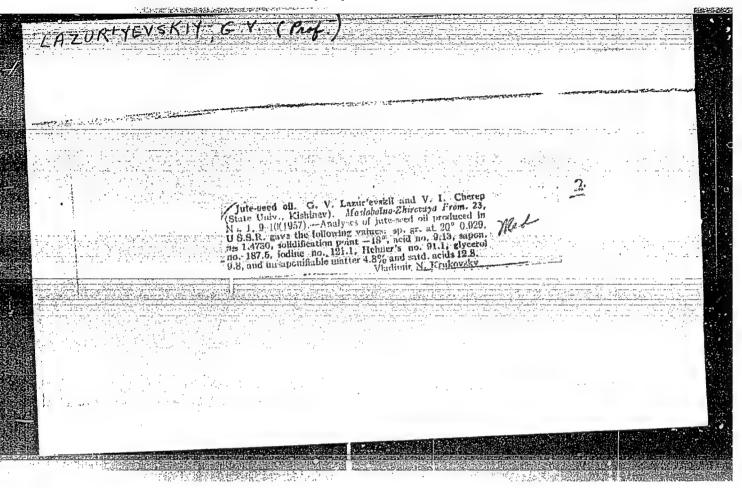












M

Country: USSR

Category: Cultivated Plants. Medicinal. Essential Oil-Bearing.

Toxins.

Abs Jour: RZhBiol., No 11, 1958, No 49152

Author : Lazur'yevskiy, G.V.

Inst

Title

: Kishinev Univ. : Study of Glucosides in Jute Seeds.

Orig Pub: Uch. zap. Kishinevsk un-t, 1957, 27, 3-10

Abstract: Earlier it was reported by the authors that bitter

substances in jute grown in USSR pertain to glucosides (I) which occur in digitalis-strophanthus. One of the (I) was partially characterized and the disaccharide found in the seeds in free state has been described (Uch.zap. Kishinevsk. Un-t, 1954,

: 1/3 Card

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R000929010003-7"

Category: Cultivated Plants. Medicinal. Essential Oil-Bearing. Toxins.

Abs Jour: RZhDiol., No 11, 1958, No 49152

14, 57). Experiments showed that separation of (I) from seeds is simplified by carrying out preliminary fermentation through ferments contained in the seeds themselves. Fermented seeds were extracted with alcohol, admixtures were removed with petroleum other and lead hydroxide. Yield of total (I) - 0.24%. Division was carried out by chromatography method on a colum with aluminum hydroxide. The experimental part of the article consists of sections: 1) Separation and purification of total (I): 2) Division of (I) by the chromatographic method; 3) Chemical state of (I) "h", 4) Study of the aglycone part of (I) "A". From

Card : 2/3

Country : USBR

M

Category: Cultivated Plants. Medicinal. Essential Oil-Bearing.

Toxins.

M.s Jour: MZHDiol., No 11, 1958, No 49152

jute seeds, two (I) have been separated producing geninstrophenthidin. One of them, glucoside "A" is characterized chemically as a compound with the composition C28H42O9 · 2H2O. Methods of separation and division of glucosides have been developed. -- R.I. Serebryannyy

Card : 3/3

CIA-RDP86-00513R000929010003-7 "APPROVED FOR RELEASE: 08/31/2001

LAZUR'YEVSKIY, G.V.

Terent'yeva, I. V., Lazur'yevskiy, G. V. AUTHORS:

79-11-54/56

TITLE:

Investigations of the Alkaloids of Carex Brevicellis D. C.

(Isoledovaniye alkalordov iz carex bravicallia D. C.).

PERIODICAL: Zhurnal Obshchey Khimii, 1957. Vol. 27, Nr 11,

pp. 3170-3173 (USSR)

ABSTRACT:

Among the numerous Cyperaceae the poisonous Carex brevicollis D. C. which also grows on the shores of the Black Sea has chemically not been thoroughly investigated. The plants of this genus were bitherto not considered atkaloid-containing. The authors found that some species of Cyperaceae (C. brevicellie D. C., C. Michella Host, C. pilose Scop) possess alkaloids and that these are new compounds hitherto not described in publications. The object

of the present paper is the investigation of Carex

brevicellis D. C., a seign. The total quantity of bases of this plant is extracted with dichlerosthams, or the plans mass is treated with a yeak sulfuric soid solution, where

upon a brownish powder difficult to dissolve in water munifests itself. The total yield of alkaloids, calculated on the basis of the dry initial product, amounts to 0,5 %.

Card 1/2

The main alkaloid of the name of Brovicollan is from the bases

三四位人中共分。这种国际国际国际的国际 医乳毒性细胞的

Investigations of the Alkaloids of Carex Breviccilis D. C. 79-11-54/56

accompanying it separated by recrystallization with methanol and finally parified with hydrochloride. It is a white crystalline substance, optically inactive and melts at 223-22400. It is represented by the formula $C_{17}H_{10}N_{2}$. Its salts and irrivatives are stallize well. The character of the absorption curves in the ultraviolet part of the spectrum indicates an alkaloid which must be classified with the complicated compounds of the indel series, which fact could also be proved by the varioclored reactions proper to the indel alkaloids. There are 3 figures, 1 table, and 5 references, 3 of which are Slavic.

ASSOCIATION: Kishinev State University (Kishinevskiy gosudarstvennyy

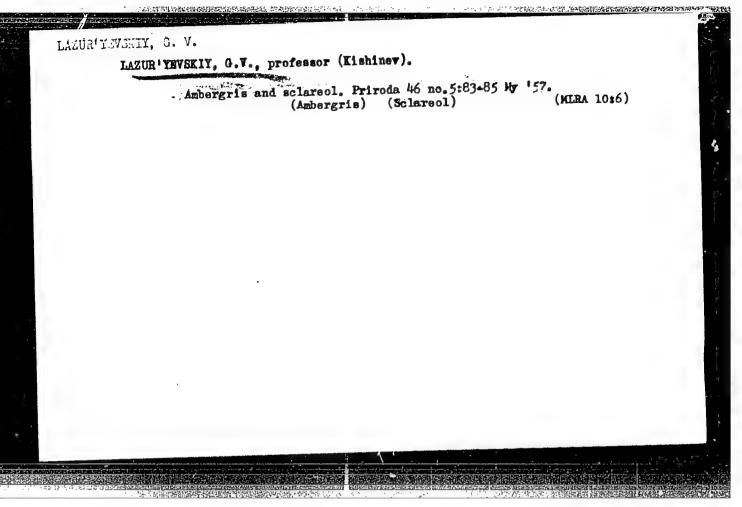
universitet)

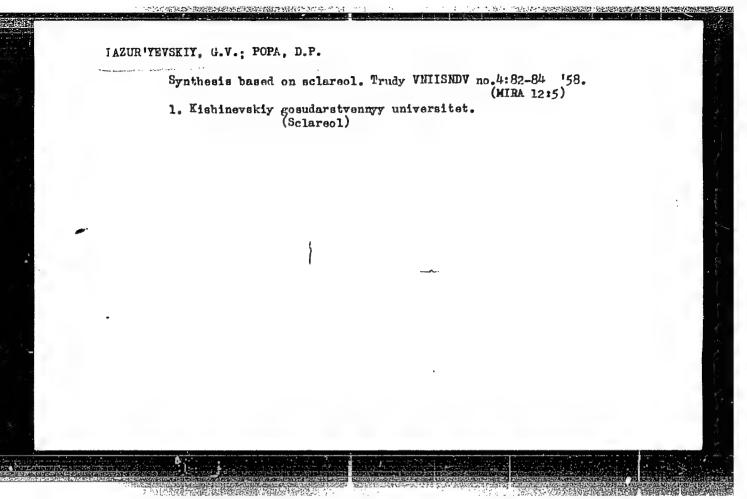
SUBMITTED: October 15, 1956

AVAILABLE: Library of Congress

1. Parex Brevicollis D. C. - Alkaloid separation

Card 2/2 2. Alkaloids - Sources 3. Dichloroethane - Applications





5(0)

507/63-4-2-25/39

AUTHORS:

Lazur'yevskiy, G.V., Professor, Terent'yeva, I.V. Candidate of Chemical

Sciences

TITLE:

Conference on the Chemistry of Plant Substances

PERIODICAL:

Khimicheskaya nauka i promyshlennost¹, 1959, Vol 4, Nr 2,

pp 273-274 (USSR)

ABSTRACT:

In September 1958 a scientific Conference on the chemistry of plant substances was held in Kishinev by the VKhO imeni Mendeleyev together with the Moldaviya branch of the AS USSR and the Kishinev State University. It was attended by scientists from the institutes organicheskoy khimii (Organic Chemistry), biokhimii (Biochemistry), fiziologii rasteniy (Physiology of Plants) of the AS USSR, khimicheskaya laboratoriya Botanicheskogo instituta AN SSSR (Chemical Laboratory of the Botanic Institute of the AS USSR, Moskovskiy institut tonkoy khimicheskoy tekhnologii (Moscow Institute of Fine Chemical Technology), Vsesoyuznyy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy institut (All-Union Scientific Research Chemical-Pharmaceutic Institute), VMIISNDV, VILAR, Institut organicheskoy khimii AN USSR (Institute of Organic Chemistry of the AS UkrSSR), Institut khimii prirodnykh soyedineniy AN

Card 1/3

Conference on the Chemistry of Plant Substances

sov/63-4-2-25/39

UzSSR (Institute of the Chemistry of Natural Compounds of the AS Uzbek SSR) and others. President of the Gosplan of the Council of Ministers of the Moldaviya SSR, N.G. Chorb, opened the Conference with report: "On the Perspectives of Industrial Development of Moldaviya for 1959 -1965". Professor N.A. Preobrazhenskiy presented a paper on the state of the chemistry of natural compounds, his coworkers R.P. Yevstigneyeva and I.K. Sarycheva on syntheses in the series of indole alkaloids; Academician of the AS Uzbek SSR, A.S. Sadykov on the complex chemical investigation of the cotton plant: M.N. Zaprometov and A.R. Guseva on new data of the biogenesis of complex organic substances in plants; Doctor V. Gerout (Prague) on research in the field of sesquiterpenes carried out in the laboratory headed by F. Sorm; T.M. Orgiyan and D.P. Popa on synthetic work carried out in the Department of Organic Chemistry of the Moldaviya Branch of the AS USSR; A.D. Kuzevkov, A.S. Labenskiy, O.S. Madayeva on the structure of aconite alkaloids and the use of gluco-alkaloids and saponines in the synthesis of steroid hormones; N.K. Abubakirov on the study of the glycosides of Jute; N.P. Kir yalov on the structure of galbanum acid found in ferula plants;

Card 2/3

"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R000929010003-7

Conference on the Chemistry of Plant Substances

V.V. Arasimovich and S.V. Beltaga on the pectin substances of the fodder melon; Professor A.V. Ablov and D.G. Batyr on a more exact micromethod for determining reducing sugars.

Card 3/3

LAZUR'YEVSKIY, G.V.; NOVOKHATKA, D.A.

Tanning substances of the smole tree [with summary in English].

Biokhimiia 24 no.1:9-14 Ja-F '59. (MIRA 12:4)

1. The Moldavian Branch of the Academy of Sciences of the U.S.S.R., Kishinev.

(SMOKE TRKE) (TANNINS)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R000929010003-7"

JTHORS: Lazur'yevskiy, G. V., Popa, D. P. SOV/79-29-1-70/74 TITLE: Syntheses Based Upon Sklareol (Sintezy na osnove sklareola). I. Investigation of the Reaction Products of Sklareol With Hydrogen Chloride (I. Issledovaniye produktov vzaimodeystviya sklareola s khloristym vodorodom) PERIODICAL: Zhurnal obshchey khimii, 1959, Vol 29, Nr 1, pp 332-336 (USSR) Ditherpere alcohol has attracted the attention of chemists because of ABSTRACT: its peculiar structure (I) and availability. It is a part of nutmeg sage and can be easily synthesized as a by-product in the production of etherial sage oil. During the past years the chemists have dealt with its structure which is related to ambrain and plays an important part in perfume production. In connection with the oxidizing separation of sklareol indeed several pleasant-smelling compounds were obtained which may be used as perfect substituents for amber. The possibilities of transformation of sklareol into new products valuable in practice have not been exhausted. The authors investigated the

hydrochlorination of sklareol in order to obtain its derivatives, containing the amino group. They did, however, not suc-

ceed in separating the well-known trichlorosklareol. In this

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R000929010003-7"

Card 1/3

SOV/79-29-1-70/74

Syntheses Based Upon Sklareol. I. Investigation of the Reaction Products of Sklareol With Hydrogen Chloride

connection each time the liquid product $^{\rm C}_{20}{}^{\rm H}_{33}{}^{\rm Cl}$ was obtained. The analysis of its infrared spectrum showed that it is related to the spectra of sklarenes (II) and (III) which were obtained in connection with the dehydration of sklareol (Ref 6) and that in the molecule of the reaction product of sklareol with HCl a tertiary-primary $^{\rm C=CH}_2$ and a secondary-primary-CH=CH $_2$ bond is contained. The presence of a tertiary-primary carbon-carbon bond in the reaction product of sklareol with HCl was also confirmed by the combination separation spectra. Apart from this a line in the spectra indicated the presence of chlorine in this product. In the case of a careful oxidation of the before obtained monochloro derivative with permanganate two products were separated: The neutral one with the composition $^{\rm C}_{20}{}^{\rm H}_{32}{}^{\rm O}$ melts at 97-98 $^{\rm O}$, has no active hydrogen, does not

produce an oxime and semi-carbazon and with respect to its spectrum analysis it has the group C^{-0-c} and C^{-0-c} and C^{-0-c}

Based upon these results the above mentioned neutral product

Card 2/3

SOV/79-29-1-70/74

Syntheses Based Upon Sklareol. I. Investigation of the Reaction Products of Sklareol With Hydrogen Chloride

can be classified among the oxides of the structure (V). The second product with a melting point of 99 - 101° is an oxy acid of the composition $^{\rm C}_{15}{}^{\rm H}_{26}{}^{\rm O}_{3}$ and corresponds to the chemical

and spectrum analytical investigations according to formula (IV). Also the further investigation results proved that the reaction product of sklareol with HCl is a mixture of isomers with the composition $^{\rm C}_{20}{}^{\rm H}_{33}{}^{\rm Cl}$, one of them is compound (VII). There

are 3 figures and 7 references, 2 of which are Soviet.

ASSOCIATION:

Moldavskiy filia! Akademii nauk SSSR (Moldavian Branch of the

Academy of Sciences, USSR)

SUBMITTED:

November 4, 1957

Card 3/3

LAZUR'YEVSKIY, G. W., doktor khim. nauk, prof., red.; KHARITONINA, A.A., red.; MANDEL'BAUM, M.F., tekhm. red.

[Alkaloid plants of Moldavia] Alkaloidonosnye rasteniia Moldavii. Pod red. G.V.Lezur'evskogo. Kishinev, Izd-vo "Shtiintsa," 1960. 64 p.

1. Akademiya nauk SSSR. Moldavskiy filial. Institut khimii (Alkaloids) (Moldavia—Botany, Medical)

POPA, D.P.; daZUR'YEVSKIY, Q.V.

Syntheses based on sclareol. Part 2: Reaction of hydrochlorination of sclareol and dihydrosclareol. Zhur.ob.khim. 30 no.6:2070-2073 Je '60. (MRA 13:6)

1. Institut khimii Moldavskogo filala Akademii nauk SSSR. (Sclareol)

POPA, D.P.; LAZURIYEYSKIY, G.V.

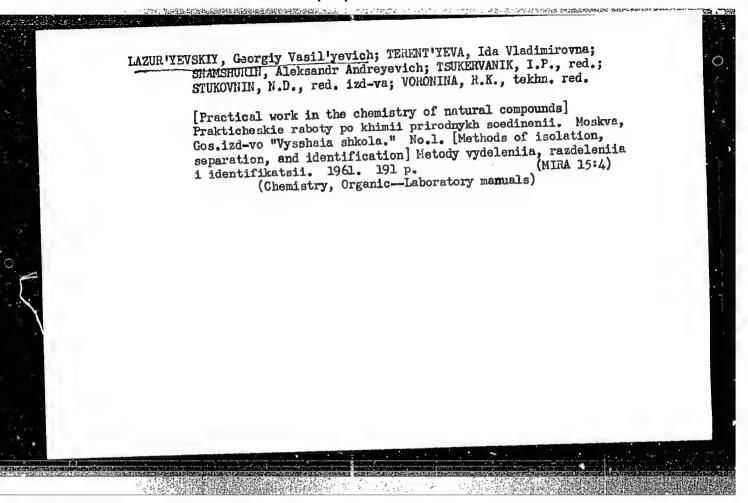
Syntheses based on sclareol. Part 3: Synthesis of amino derivatives of sclareol. Zhur.ob.khim. 30 no.6:2074-2077 tives of sclareol. Zhur.ob.khim. 30 no.6:2074-2077 tives of sclareol. (MEA 13:6)

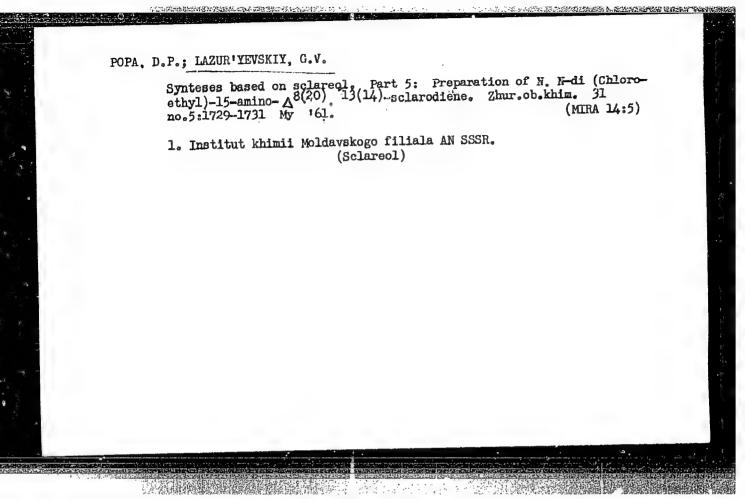
1. Institut khimii Moldavskogo filiala Akademii nauk SSSR. (Sclareol)

IAZUR'YEVSKIY, G.V.; NOVOKHATKA, D.A.

Snytheses based on sclareol. Part 4: Introduction of the amino group into the oxidation products of sclareol. Zhur. ob. khim. 30 no.9:3123-3125 S '60. (MIRA 13:9)

11 Moldavskiy filial Akademii nauk SSSR, Institut khimii. (Sclareol) (Amino group)





POPA, D.P.; LAZUR'YEVSKIY, G.V.

Syntheses based on sclareol. Part 6: Some new physiologically active amino derivatives of sclareol. Zhur. ob. khim. 31 no. 11:3835-3838 N *61. (MIRA 14:11)

1. Institut khimii Moldavskogo filiala Akademii nauk SSSR. (Sclareol)

MATTUSHENSKIY, B.V.; LAZUR'YEVSKIY, G.V.; IVANOV, N.V.

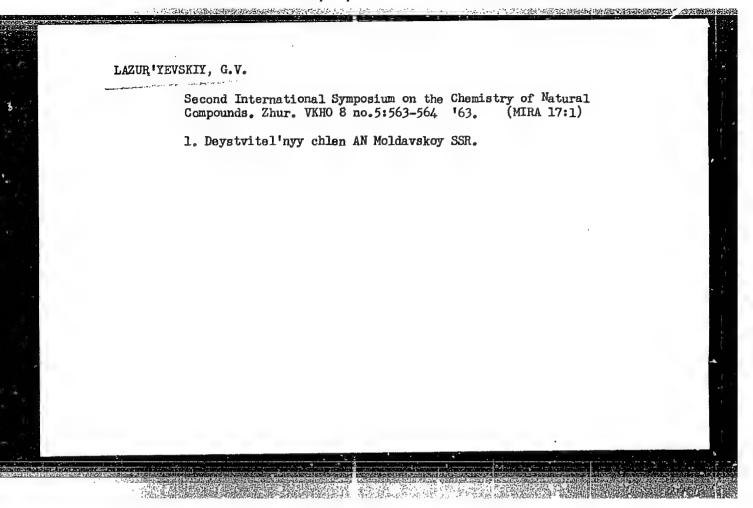
By-products of the essential oil industry as raw materials for the production of furfurole. Zhur.prikl.khim. 35 no.4:873-876 Ap '62. (MIRA 15:4)

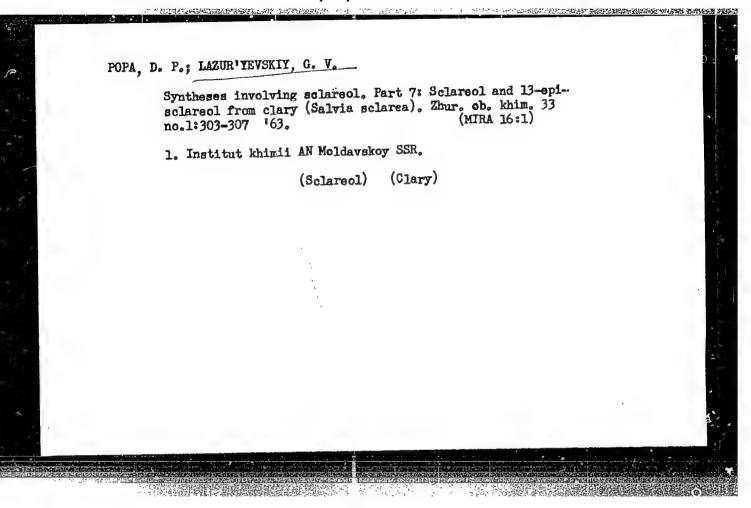
1. Kishinevskiy gosudarstvennyy universitet. (Furaldehyde) (Oil industries--By-products)

LAZURYEVSKIY, G. V.; POPA, D. P.

"Synthesis of some analogues of diterpenic alkaloids."

report submitted for the IUPAC 2nd International Symposium on the Chemistry of Naturla Products, Prague, Czech., 27 Aug - 2 Sep 62

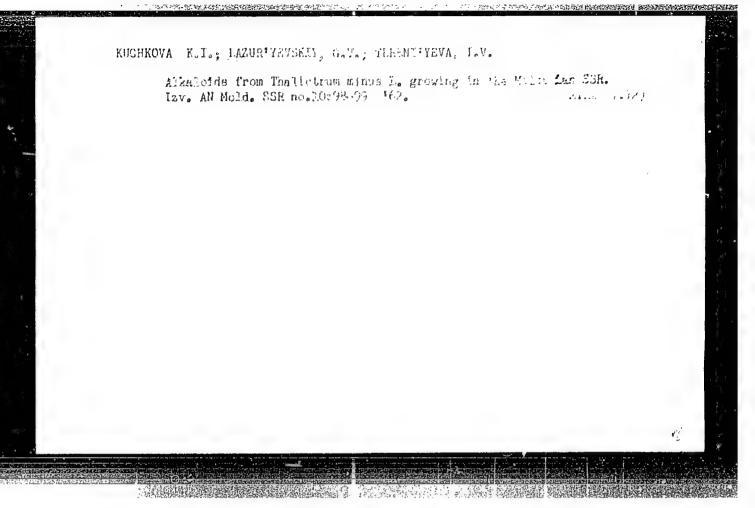




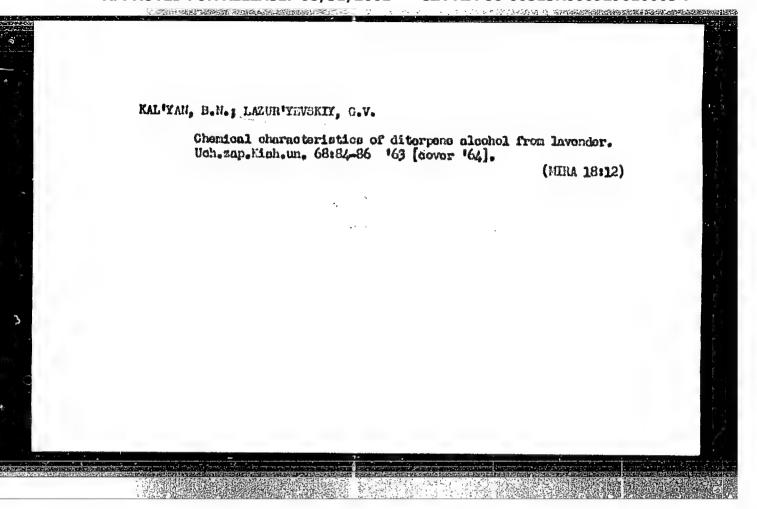
LAZUR'YEVSKIY, G.V., akademik; TERENT'YEVA, I.V.; TSARANOVA, T.V.

Colloquy on the chemistry of indole compounds. Zh.r. VKHO
9 no.5:575-576 '64 (MIRA 18:1)

1. AN Moldavskiy SSR (for Lazur'yevskiy).



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	ey, L. A.; Lazur'yevskiy, G. V.	•	1
TITLE: Infra	red spectra of some derivative	diterpenes of the sclareol	series
CITED SOURCE:	Izv. AN MoldSSR. Ser. yeste	stv. i tekhn. n., no. 9, 19	63, 69-73
TOPIC TAGS:	infrared spectrum, sclareol de	rivative, characteristic fr	equency,
7.4	The state of the s		
series were of pounds which and also epim	Infrared spectra of the derive btained (chlorides, amines, epare the intermediate or final ers in the 13th asymmetrical counds are established. The deof compounds of the spatial lo	oxides, acids, ethers, and products of syntheses based enter). The characteristic pendence of the infrared spection of the substitutes a	some com- l on sclareol, frequencies pectra on the
series were of pounds which and also epim of these comp epimer pairs	btained (chlorides, amines, ep are the intermediate or final ers in the 13th asymmetrical c ounds are established. The de of compounds of the spatial lo	oxides, acids, ethers, and products of syntheses based enter). The characteristic pendence of the infrared spection of the substitutes a	some com- l on sclareol, frequencies pectra on the
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series were of pounds which end also epim of these comp epimer pairs noted.	btained (chlorides, amines, ep are the intermediate or final ers in the 13th asymmetrical c ounds are established. The de of compounds of the spatial lo	oxides, acids, ethers, and products of syntheses based enter). The characteristic pendence of the infrared spection of the substitutes a	some com- l on sclareol, frequencies pectra on the



ZHUNGIYETU, G.I.; VOLOVEL'SKIY, L.N.; DOROFEYENKO, G.H.; LAZUR'YEVSKIY, G.V.

Pyrylium derivatives on the basis of steroid hydroxymethylketones. Khim. prirod. soed. no.5:318-321 '65. (MIRA 18:12)

1. Institut khimii AN Moldavskoy SSR, Rostovskiy-na-Donu gosu-darstvennyy universitet i Ukrainskiy institut eksperimental noy endokrinologii. Submitted March 19, 1965.

DOROFEYENKO, G.N.; LAZUR'YEVSKIY, G.V., akademik; ZHUNGIYET, G.T.

Synthesis of pyrylium salts by the condensation of hydroxymethylenecyclohoxanone with ketones. Dokl. AN SSSR 161 no.2:
355-357 Mr '65.

1. Rostovskiy-na-Donu gosudarstvennyy universitet i Institut
khimii AN Moldavskoy SSR. 2. AN Moldavskoy SSR (for Lazur'yevskiy).

INZURIYEVSKII, G.V., akudomik; SHANDRIFHI, A.A., kund. khim. neuk

Reserch in the field of natural and biologically active compounds.

Vest. AN SSSR 35 no.2:62-65 F '65. (HIRA 18:3)

1. Institut khimii AN Moldavskoy SSR. 2. AN Maldavskoy SSR (for lazur'yevskiy).

ZHUNGIYETU, C.I.; DCROFFYENKO, G.N.; LAZUR'YEVSKIY, G.V., akademik

Synthesis of 17-methyldihydrotestosterone derivatives condensed with
pyrylium and pyridinium cycles. Dokl. AN SSSR 163 no.2:372-374 Jl '65.

(MIRA 18:7)

1. Rostovskij-na-Donu gosudarstvennyy universitet i Institut khimii
AN MSSR. 2. AN MSSR (for Lazur'yevskiy).

8/137/61/000/007/020/072 A060/A101

AUTHORS:

Bayrakov, V. I., Fedin, V. P., Lazutin, A. G.

TITLE:

Some data from the investigation of the operation of the reversing

mill 1200 with reelers in the furnace

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 7, 1961, 7, abstract 7D38 ("Tr. Konferentsii: Tekhn. progress v tekhnol. prokatn. proiz-va".

Sverdlovsk, Metallurgizdat, 1960, 572-581)

TEXT: Investigations were carried out on the rolling of steel sheets mark St. 2 and St. 3 with thickness 1.5 - 2 mm and width 620 - 1.000 mm. It was established that 1) the metal pressure on the rolls increases from the first passes to the last ones in the roughing stand and in the planishing stand inversely: 2) the average specific pressure increases with the ratio of the length of the gripping arc to the mean thickness of the sheet being reduced (for the roughing stand); 3) the average specific pressure increases with decrease in the ratio of the strip thickness after reduction to the roll diameter (for the planishing stand); 4) the maximum torques on the shaft of the motor installed are within admissible limits; 5) the maximum specific energy expenditure does

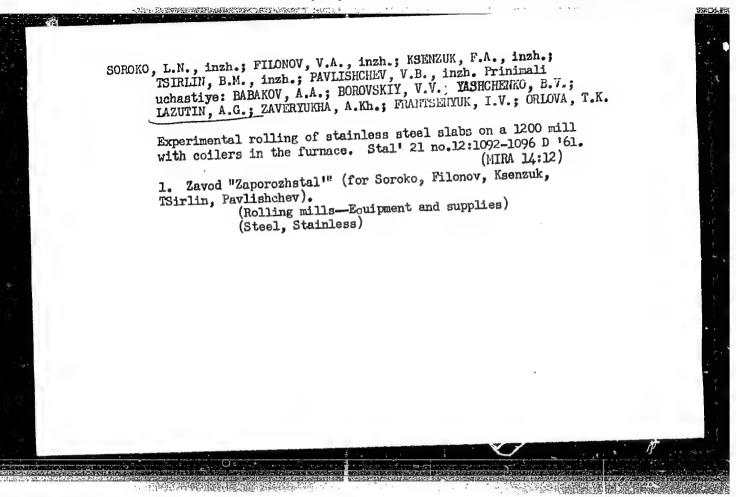
Card 1/2

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Some data from the investigation	8/137/61/000/007/020/072 A060/A101
not exceed 24 kwh/ton; 6) to avoid motor overheating the number of passes.	it is necessary to increase V. Pospekhov
[Abstracter's note: Complete translation]	
Card 2/2	

ZASUKHA, P.F., kand.tekhn.nauk; IAZUTIN, A.G., inzh.; ZAVERYUKHA, A.Kh., inzh.; VOIEGOV, V.P., inzh.; FRAF.TSENYUK, I.V., inzh.

Selection of an efficient type of sheet rolling mill. Stal; 21 no.12:1090-1092 D '61. (MIRA 14:12)

 Ural'skiy nauchno-issledovatel'skiy institut chernykh metallov i Novolipetskiy metallurgicheskiy zavod. (Rolling mills)



L 20233-65 EWT(1)/EWG(v)/FCC/EEC-4/EEC(t)/EWA(h) Pb-4/Po-4/Pe-5/Pq-4/Pae-2/Peb/Pi-4 AFWL/SSD(c)/AEDC(b)/ASD(a)-5/AEDC(a)/BSD/SSD/ASD(t)-3/AFMDC/AFETR/APGC(b)/ESD(gs)/ESD(t) GW/WS ACCESSION NR: AP5002108 S/0048/64/028/012/2085/2086

AUTHOR: Lazutin, L. L.; Frantauz, E. T.

TITLE: Radio probe for the measurement of <u>cosmic-ray density</u> in the stratosphere. [Report presented at the Vsesoyuznoye soveshchaniye po fizike kosmicheskikh luchey (All-Union Conference on the Physics of Cosmic Rays), held at Moscow, 4-10 October 1963]

SOURCE: AN SSSR. Izvestiya. Seriya fizicheskaya, v. 28, no. 12, 1964, 2085-2086

TOPIC TAGS: radiosonde, radiation measurement, solar radiation, cosmic radiation, cosmic radiation, cosmic ray density, gas discharge counter, two counter telescope

ABSTRACT: A new radio probe for measuring cosmic-ray density in the donosphere, particularly solar radiation, is described. The design of the RKL-4 probe ((see Fig. 1 of Enclosure) was base on experimental data collected during the IGY. Registration of charged particles is accomplished with either a single STS-6 gas-discharge counter or a two-counter telescope. Pulses from counters 1 and 2 (Fig. 1) are applied to the collector and base of transistor 3, which is operating under keying conditions; i.e., a negative pulse from counter 1 passes to the output only when transistor 3 is closed by a positive pulse from counter 2. A blocking oscillator

Card 1/1

L 20233-65

ACCESSION NR: AP5002108

based on transistor 4 creates a positive pulse of 300 usec, triggering the tube 5 of the telemetry transmitter (frequency range, 80—90 Mc). In the RKL-4 with a single counter, the keying circuit is eliminated; a pulse from the counter directly triggers the blocking-oscillator. In this case the shaping circuit is blocked by the barograph contact, and the counting ceases. Substitution of a copper chloride-magnesium battery for the usual dry-battery set sharply increases the utilization factor of the chemical supply source. Tests carried out during the second and third quarters of 1963 demonstrated the reliability of the RKL-4 probe for 7—8-hr operation. Steady signal reception was secured in ascent, descent, and even drift (4—5 hr) at 25—30 km. Maximum altitude was 35 km. Since January 1964, regular daily flights of the probe have been made. Orig. art. has: 1 figure.

ASSOCIATION: none

SUBMITTED: 00

ENCL: 01

SUB CODE: EC, AA

NO REF SOV: 002

OTHER: 000

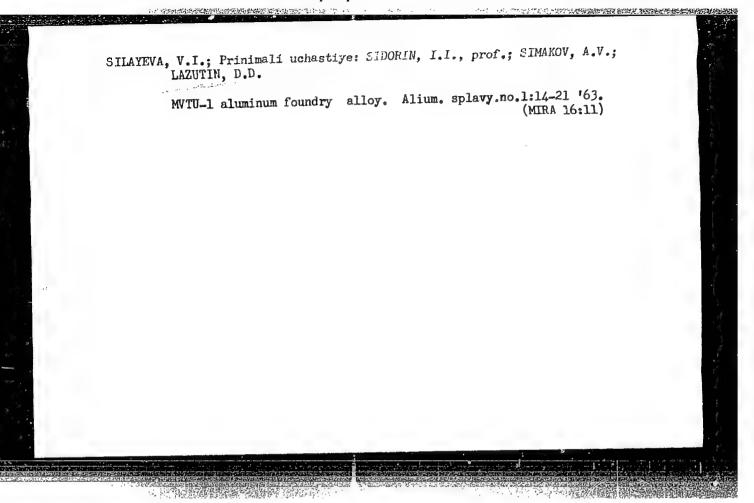
ATD PRESS: 3163

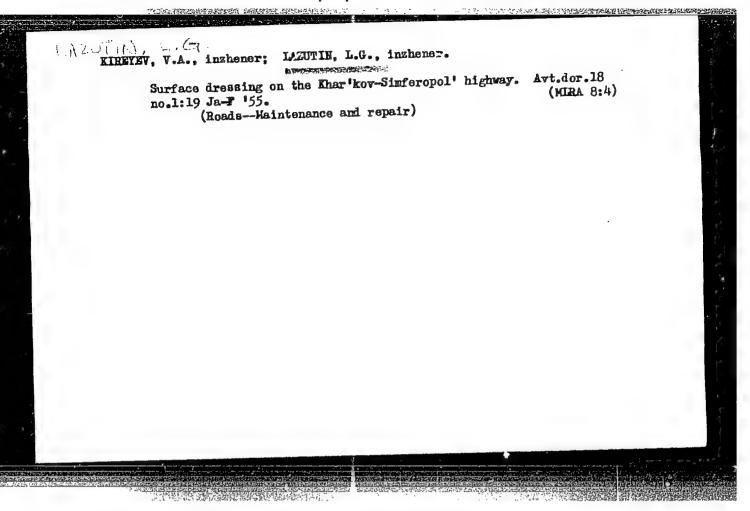
Card 2/3

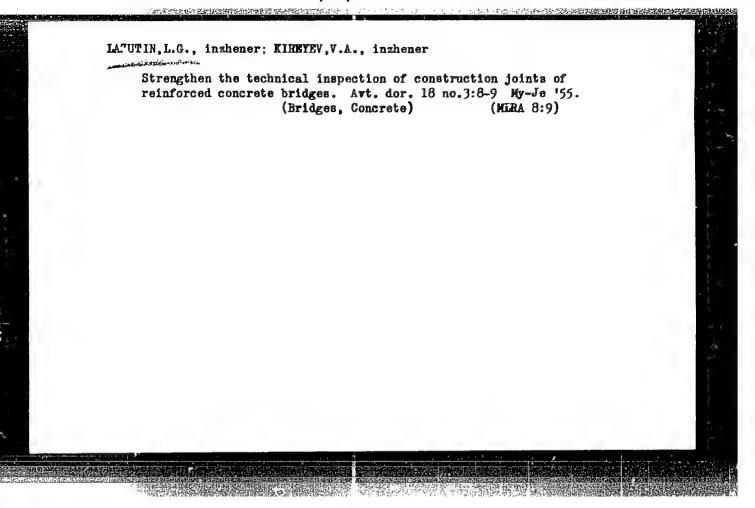
POTAFOV, V.M.; LAZUTINA, L.I.; TERENT'YEV, A.P.

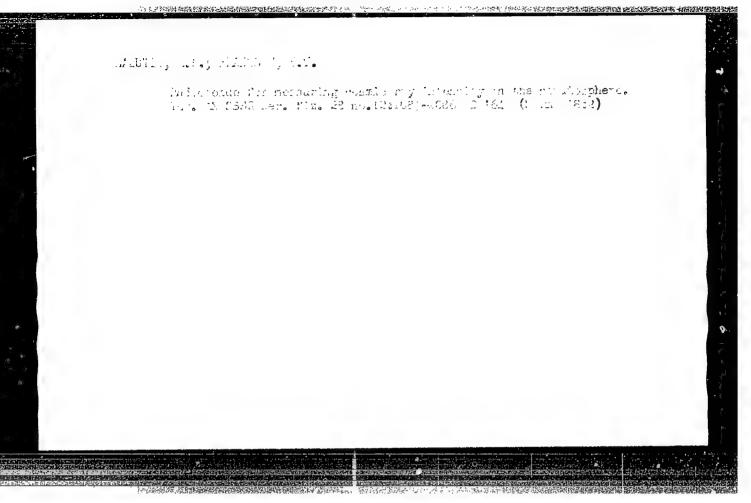
Spectropolarimetric analysis. Report No.3: Determination of isomeric nitrobenzaldehydes in their mixtures. Zhur.anal.khim. 18 no.8: 1003-1006 Ag '63. (MIRA 16:12)

1. Moscow State University.









ENT(1)/ENG(v)/FCC/EEC-4/EEC(t)/ ENA(h) Po-4/Pe-5/Pq-4/Pae-2/Peb/Pi-4 GM UR/0203/65/005/003/0563/0566 Accession NR: AP5014119 AUTHOR: Lazutin, L. L. Cosmic rays from the sun recorded in the stratosphere in September 1963 SOURCE: Geomagnetizm i aeronomiya, v. 5, no. 3, 1965, 563-566 TOPIC TAGS: sun, stratosphere, cosmic ray, gas discharge counter, radio wave, ionosphere/ RKL 4 radiosonde, STS 6 gas discharge counter ABSTRACT: Stratospheric measurements obtained with RKI-4 radiosondes with single discharge counters of the type STS-6 are presented. The measurements were made above the region of Apatit (67033' N, 33020' E). The experimental method used was the one described by L. L. Lazutin and E. T. Frantsuz (Radiozond dlya izmereniya intensivnosti kosmicheskikh luchey v stratosfere, Izv. AN SSAR, ser. geofiz., 1964, No. 12, 2037). The region of the observed solar flare had the following coordinates: 3100 long., 130 north latitude. The data concerning the following geophysical phenomena observed between the 13th and the 24th of September are presented: chromespheric flares in the sun; radio frequency flares in the range of 108 to 2800 megacycles; the relation between these phenomena and the spectral observations of radio waves in the range of 50-320 megacyoles at Fort Davis (Solar Geophysical Data

"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R000929010003-7

L 52183-65 ACCESSION NR: AP501411	a	77	
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to x-rays from chromosp	heric flares; parters a number; one a	-component of the	
The money	region of Voyeik; the count level of the ment on the 21.IX flare revealed a 1.7	DOMET TON TOT ATTO	
	nks V. Nikitenko and A. Ul'yanchenko f L. I. Dorman, A. H. Charakhoh'yan, T.	Tie Attentant harrow	puis .
K. K. Fedchenko for tak	ing part in the discussion of the resu	Hts. Orig. art. ize.	1.
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Geophysical Institute, SUBMITTED: 09Jul64	geoficioneakiy institut, Kll'akogo Fl Bola Branch, AN 895E) ENCL: 00	liala M SSSR (Polar	

OSHAROV, P.; PAGIN, V.; TESLYA, Ye., inzh.; CHERNOVA, Ye.; KOPTEV, A.;

LAZUTIN, P.; ANISHCHENKOV, T., instruktor; TOKAREV, S.; EERSON,
S.; KRICHEVSKIY, A.

They have too far to go. Sov. profsoiuzy 18 no.5:40-41 Mr '62. (MIRA 15:3)

- 1. Reydovaya brigada zhurnala "Sovetskiye profsoyuzy".
- 2. Krasnoyarskiy krayevoy komitet profsoyuza rabochikh stroitel'stva

THE PARTY OF THE PROPERTY AND A PROPERTY OF THE PARTY OF

- i promyshlennosti stroymaterialov (for Koptev). 3. Posadchik prokatnogo tsekha zavoda "Sibelektrostal" (for Lazutin).
- 4. Krasnoyarskiy krayevoy komitet profsoyuza rabotnikov mestnoy promyshlennosti i kommunal'nogo khozyaystva (for Anishchenkov).
- 5. Zaveduyushchiy lektorskoy gruppoy Krasnoyarskogo krayevogo soveta profsoyuzov (for Tokarev). 6. Zaveduyushchiy otdelom krayevoy gazety "Krasnoyarskiy rabochiy" (for Berson). 7. Spetsial'nyy korrespondent zhurnala "Sovetskiye profsoyuzy" (for Krichevskiy).

(Krasnovarsk--City planning)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R000929010003-7"

LHZUTIN, P.A.

AID P - 1193

Sub.ject

: USSR/Electricity

Card 1/1

Pub. 29 - 15/27

Author

: Lazutin, P. A., Eng.

Title

: Rewinding of squirrel-cage induction motors

Periodical

: Energetik, 12, 22-26, D 1954

Abstract

The author presents a simple method of calculating a

two-winding motor. Two tables and 9 diagrams.

Institution:

None

Submitted

No date

IAZUTIN, V.N., inzh.; MYZNIKOW, Yu.W., inzh.

Construction of a rock-fill dam. Energ. strol. no. 4:35-39

'65.

(MIRA 18:12)

Huild quickly, economically, and well. Transp. stroi. 13 no.5:37-39 My '63.

1. Upravlyayushchiy ordena Lenina trestom Omsktransstroy. (Building-Technological innovations)

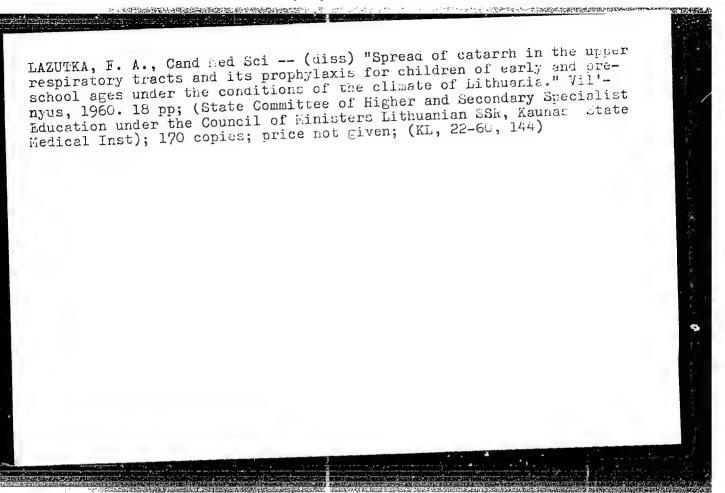
POTAPOV, V.M.; DEM'YANOVICH, V.M.; LAZUTINA, L.I.; TERENT'YEV, A.P.

Stereochemical studies. Part 13: Rotatory dispersion of the

Stereochemical studies. Part 13: Rotatory disputation. Zhur.-derivatives of A-A-tolylethylamine and 2-aminobutane. Zhur.-derivatives of A-A-tolylethylamine and 2-aminobutane.

1. Moskovskiy gosudarstvennyy universitet imeni M.V.Lomonosova.

(Amines) (Molecular rotation)

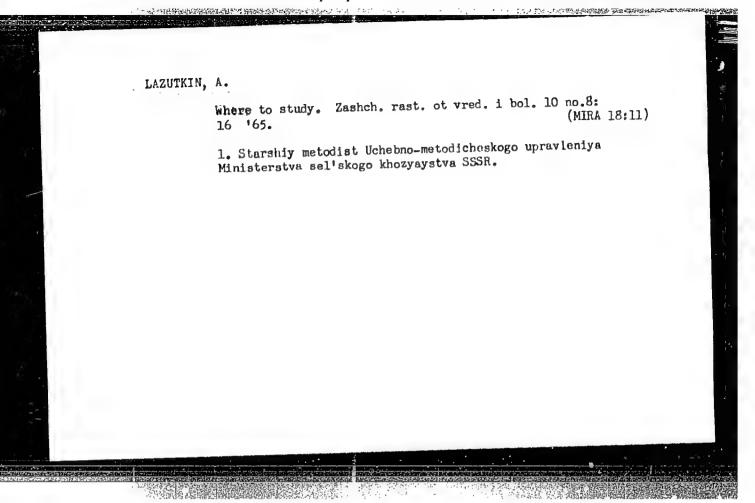


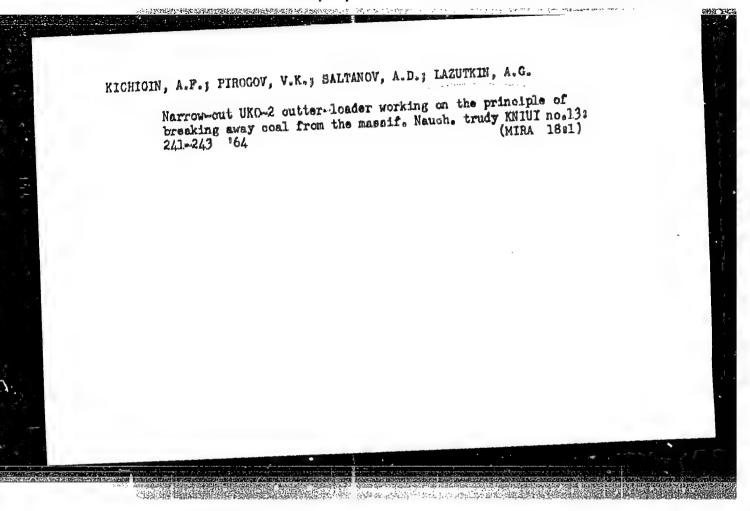
IAZUTKA, P., med. m. kand.; BITE, A.; ARBACIAUSKIENE, L.

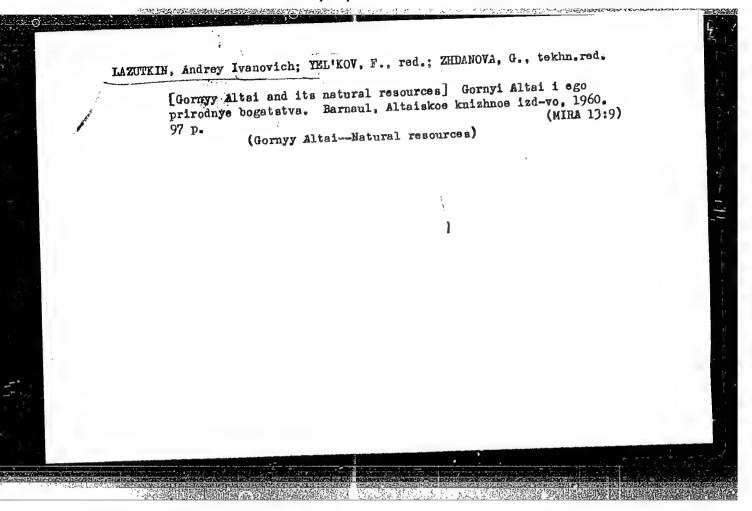
On the problem of improved sanitary conditions of dairy farms, of the quality of milk and of working conditions for milk maids in the Republic. Sveik. apsaug. 7 no.4(76):36-42 Ap '62.

1. Vilniaus Epidemiologijos ir higienos m. t. institutas.

(DAIRYING)







LAZUTKIN, D. F.

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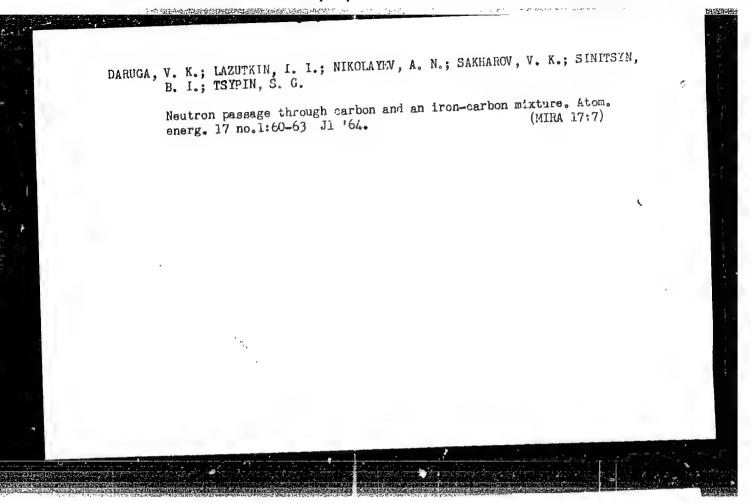
> USSR/Mathematics - Wave Propagation Jan/Feb 52 in Bar

"Propagation of Elastic-Plastic Waves Along a Cylindrical Rod," D. F. Lazutkin, Kursk

"Prik Matemat i Mekh" Vol XVI, No 1, pp 94-100

Analyzes case of wave propagation in cylindrical rod when pressure on left side rises according to any arbitrary law and thereafter instantaneously falls to zero. Strengthening is nonlinear and represented by some convex curve. Wave reflection from the right end is assumed negligible because of great rod length. Received 18 Jan 50.

203162



ACCESSION NR: AP4042265

5/0089/64/017/001/0063/0065

AUTHOR: Daruga, V. K.; Lazutkin, I. I.; Nikolayev, A. N.; Pinkhasik, D. M.; Sakharov, V. K.; Sinitsy*n, B. I.; Tsy*pin, S. G.

TITLE: Investigation of spatial energy distribution of BR-5 reactor neutrons in iron-ore medium

SOURCE: Atomnaya energiya, v. 17, no. 1, 1964, 63-65

TOPIC TAGS: reactor shielding, nuclear radiation, iron ore reactor shielding, BR 5 reactor, neutron energy distribution

ABSTRACT: The possibility of using an iron-ore medium as a relatively inexpensive form of nuclear-reactor shielding has been investigated. Ore with a high content of iron and oxygen was used in the experiment. Standard enriched iron ore of the following composition, suitable for construction and to withstand high temperatures without significant changes in its properties, was used as base material: 60% Fe; 30% 02; 8-10% Si, Mg, Ca, Al; 1% Mn, Pb, Cu, Ti, C. Some binding admixtures were added to the concentrate to improve its comstructional properties. A BR-5 fast reactor was used in the investigation. Based on the measurements by all detectors, the curves of Cord 1/2

ACCESSION NR: AP4042265

spatial-energy distribution of neutrons emitted by a disk-shaped collimated source were plotted. The results showed that hydrogenous iron-ore shielding has rather high attenuating properties for the whole neutron spectrum of the reactor. Unfortunately, its water component is just as unstable at high temperatures as in other shieldings. The introduction of more stable additives, such as metal hydrids, serpentines, etc., into the shielding material is recommended for better results. Orig. art. has: 3 figures, 2 tables, and 2 formulas.

ASSOCIATION: none

SUBMITTED: 07Mar64

ATD PRESS: 3068

ENCL: 00

SUB CODE: NP

NO REF SOV: 008

OTHER: 002

Card 2/2

L 08355-67 EWT(m)/EWP(t)/ETI IJP(c) JQ/HW

ACC NRI
AH6028130 SOURCE CODE: UR/0058/66/000/005/V061/V061

AUTHOR: Lazutkin, I. I.; Nikolayev, A. N.; Sinitsyn, B. I.

50

TITLE: Removal cross sections of sodium, stainless steel, and nickel

SOURCE: Ref. zh. Fizika, Abs. 5V469

27

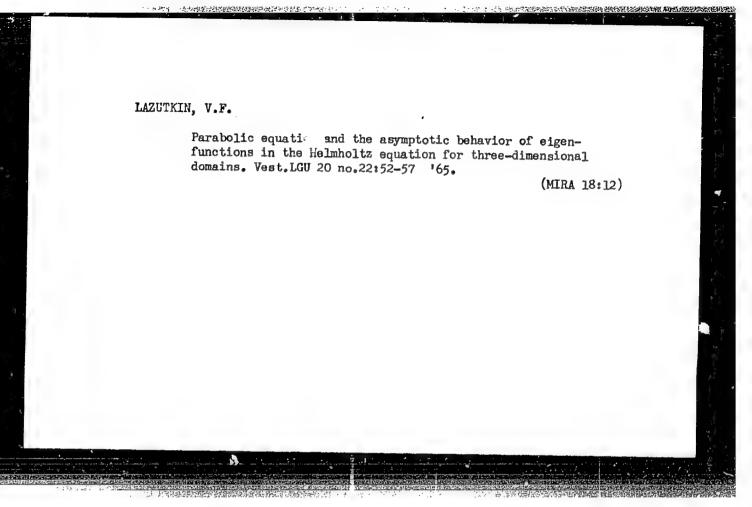
REF. SOURCE: Byul. Inform. tsentra po yadern. dannym, vyp. 2, 1965, 313-319

TOPIC TAGS: sodium, nickel, stainless steel, nuclear, reactor technology

ABSTRACT: The removal cross sections (RC) of sodium, stainless steel, and nickel were measured under conditions of standard geometry at initial neutron energies 0.5, 1.0, 1.2, 3.0, and 15 Mev. The measurement results are listed in a table. Data are also given on the minimal distances from the detector to a plate of heavy material, starting with which RC can be used. On the basis of the obtained data it is possible to determine the energy dependence of the RC of sodium and nickel. A plot for this dependence is given. [Translation of Abstract]

SUB CODE: 20, 18

Cord 1/1 nst



·L 32999-66 EWT(m)/EWP(e) ACC NR: AR6016266 UR/0058/65/000/011/H060/H061 SOURCE CODE: AUTHOR: Lazutkin, V. N. TITLE: Concerning the use of piezoceramics in high-power ultrasound converters SOURCE: Ref. zh. Fizika, Abs. 11Zh417 REF SOURCE: Sb. Prim.niye ul'traakust. k issled. veshchestva. Vyp. 20, M., 1964, 83-86 TOPIC TAGS: ultrasonic emmitter, piezoelectric ceramic, piezoelectric transducer, acoustic transducer ABSTRACT: The authors analyze the factors limiting the radiation of large powerful converters (C) made of piezoceramic. Principal among them is the heating of the C. An expression is derived for the limiting acoustic power delivered by the C in the pulsed mode, as a function of the limiting loss power for the given C. Plots are presented of the dependence of the Q of the ceramic on the amplitude of the mechanical stresses in it for different compositions. The most effective were compositions based on lead-barium metaniobate and lead-titanate-zirconate with mechanical Q up to 300 --400. The C of lead-barium metaniobate is capable of radiating a power of \$100 w/cm2 in pulsed operation (off-duty factor 200). A. M. [Translation of abstract].

Card 1/1-0

"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R000929010003-7

L 42952-66 EWP(e)/EWT(m) WH ACC NR: AR6015878 (//

SOURCE CODE: UR/0275/65/000/012/V011/V011

AUTHOR: Lazutkin, V. N.

25

TITLE: On the use of piezoceramics in power ultrasonic converters

B

SOURCE: Ref. zh. Elektronika i yeye primeneniye, Abs. 12V73

REF SOURCE: Sb. Primeneniye ul'traakust. k issled. veshchestva. Vyp. 20, M., 1964, 83-86

TOPIC TAGS: piezoelectric ceramic, ceramic product property, electromechanic alconverter

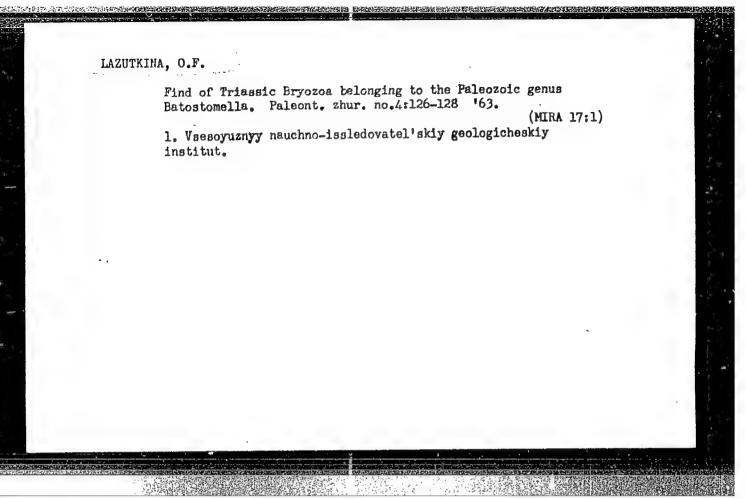
ABSTRACT: An examination is made of factors which limit high-power emission by converters (C) made of piezoceramics. The primary factor is considered to be the heating up of C. An expression is presented for the limiting acoustical power released by C in a pulsed mode as a function of limiting permissible power of losses for the C discussed. Curves of ceramics quality as a function of the amplitude of mechanical voltages in it are presented for various compositions. The most effective ceramics proved to be compositions on the basis of lead metaniobate-barium and titanium-lead zirconate with a mechanical quality of 300—400. C on the base of lead metaniobate-barium assures in a pulsed mode (with an off-duty factor of 200) a power of 400 w/cm². [Translation of abstract] A. M.

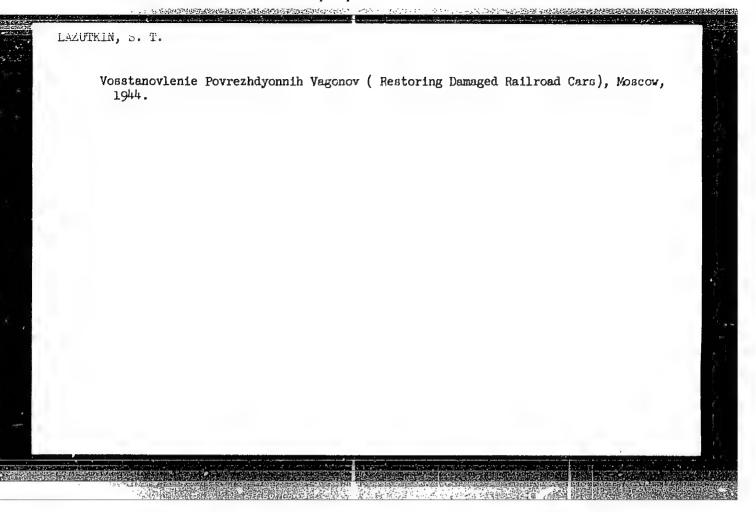
SUB CODE: 10,11,50

UDC: 534,232,46-8

APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R000929010003-7"

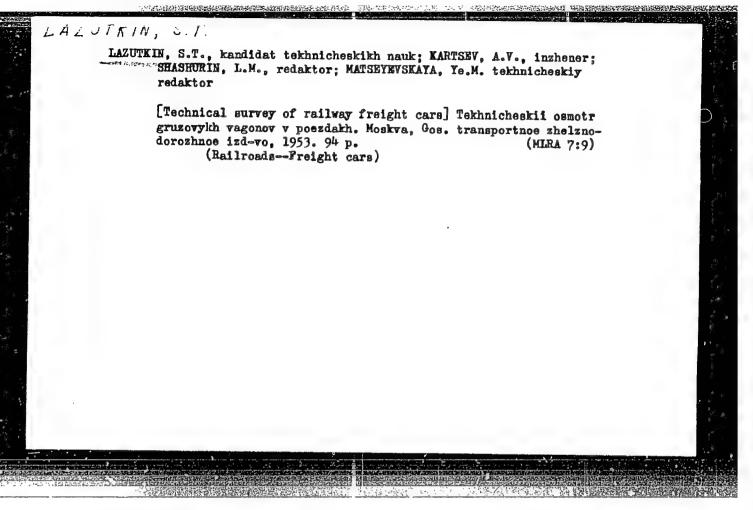




LAZUTKIN, S. T.

Peredovye metody tekushchego remonta gruzovykh vagonov. Zadvanced methods of routine repair of freight-cars. Moskva, Gos. transpl zhel-dor. izd-vo, 1950. 27 p. diagrs. DLC: TF470.L3

SO: Soviet Transportation and Communications, A Bibliography, Library of Congress, Reference Department, Washington, 1952, Unclassified.



KATORZHNOV, N.D.; KUDRYAVISEV, G.I.; KUZINA, Ye.F.; LAZUTKINA, T.P.

Studying the continuous process of the production of polycaprolactam. Khim. volok. no.4:20-22 '65. (MIRA 18:8)

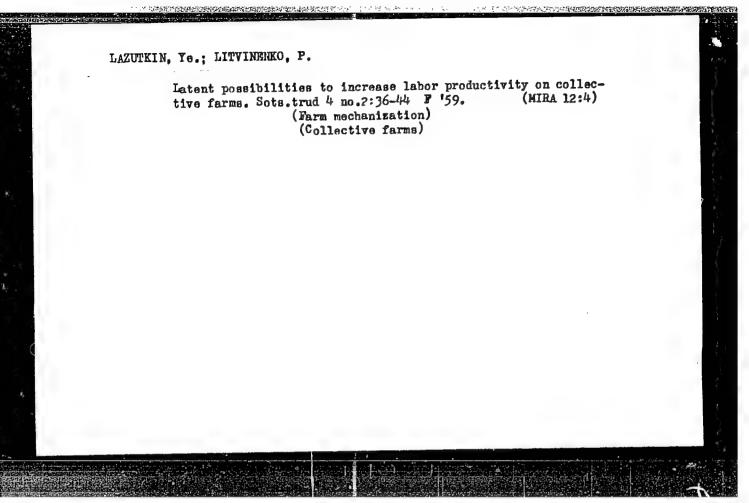
1. Vsesoyuznyy nauchno-issledovateliskiy institut iskusstvennogo volokna.

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R000929010003-7"

LAZUTKIN, Ye.

Scientific conference on problems in computing labor productivity in agriculture. Sots.trud no.11:146-152 N '57. (MIRA 10:12)

(Agriculture--Economic aspects)



LAZUTKIN, Ye.S., kand.ekon.nauk; TERENT'YEV, N.N., zootekhnik

Problems in economic accountability and the reduction of costs in collective farm stockbreeding. Zhivotnovodstvo 20 no.9: 8-15 S '58. (MIRA 11:10)

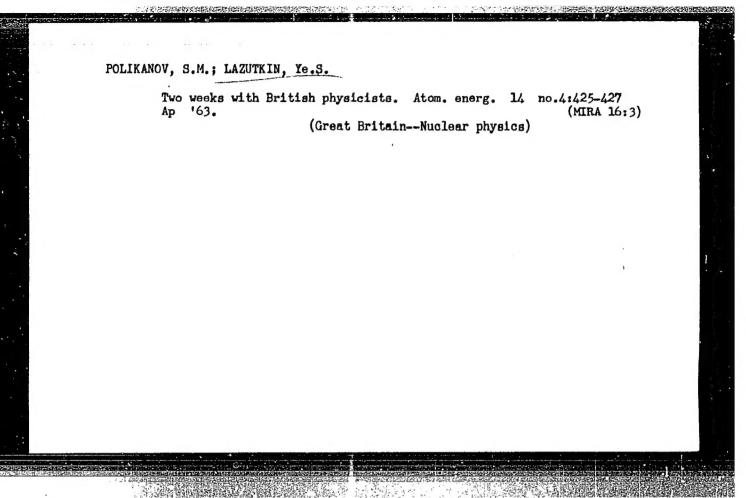
(Stock and stockbreeding)

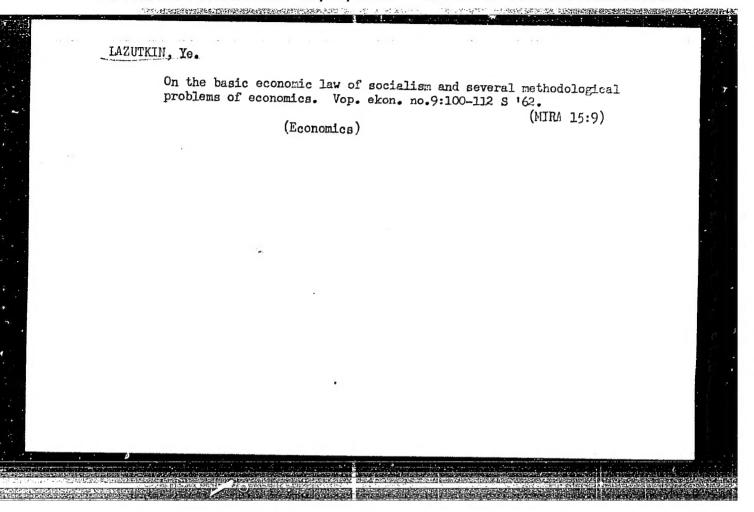
IAZUTKIN, Ye.S.; RUSANOV, Ye.S.; EYDEL'MAN, R.A.; TRUBNIKOV, S.V.; KAPLAN,
I.I.; ZAGORODNIKOV, M.I.; GCL'TSOV, A.N.; TATARINOVA, N.I.; SONIN,
M.Ya.; SHISHKIN, N.I., doktor geogr.nauk; ANTOSENKOV, Ye.G.;
M.YA.; SHISHKIN, N.I., doktor geogr.nauk; ANTOSENKOV, Ye.G.;
ZHNYKHOVA, I.I.; KOSYAKOV, P.O.; MATROZOVA, I.I.; ZELENSKIY, G.N.;
SEMENKOV, Ya.S.; ZALKIND, A.I., red.; RUSANVV, Ye.S., red.; SHTEYNER,
A.V., red.; MIKHAL'CHENKO,N.Z.,red.; CERASIMOVA, Ye.S., tekhn. red.

[Manpower of the U.S.S.R.; problems in distribution and utilization]
Trudovye resursy SSSR; problemy raspredeleniia i ispol'zovaniia. Pod
red. N.I.Shishkina. Moskva,Izd-vo ekon.lit-ry, 1961. 243 p. (MIRA 14:12)

Moscow. Nauchno-issledovatel'skiy institut.

(Manpower)





LA ZUTKINA, A. A.

"About the effectiness of some medicinal substancer a ainst foot rot of cherp."

Veterinariya, Vol. 38, No. 5, 1961

Lazutkina, A. A. - Veterinary Surgeon, B. Tokmak Veterinary Pacteriological Laboratory, Zaporozh'e Oblest'.

